

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program Order No. R1-2005-0023  
for

McCrea Nissan Car Lot  
710 H Street  
Eureka

Humboldt County

**MONITORING**

1. The depth to groundwater in all monitoring wells shall be determined to at least 0.01 foot increments quarterly. Elevations shall be reported in tabular form indicating the surveyed elevation of each well referenced point, depth to groundwater from referenced point, and the actual groundwater elevation. Elevation readings must be referenced to mean sea level.
2. Contour maps shall be developed showing groundwater table elevations at each well along with the determination of the groundwater gradient.
3. The detection and thickness of floating product in all monitoring wells shall be determined and reported quarterly.
4. Monitoring wells MW-1A, MW-2, MW-4, MW-6 and MW-7 shall be sampled quarterly for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, benzene, ethylbenzene, toluene, xylene, methyl tertiary butyl ether, dissolved oxygen, dissolved carbon dioxide and oxidation-reduction potential, pH, temperature and electrical conductivity.

**REPORTING**

1. Quarterly monitoring reports shall be submitted to this office in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
January, February, March	May 1
April, May, June	August 1
July, August, September	November 1
October, November, December	February 1

2. A groundwater elevation contour map shall be included for each set of measurements and shall include the following:
  - a. location of the facilities;
  - b. location of the monitoring wells;
  - c. location of the former underground tanks; and
  - d. groundwater flow pattern including the direction of the groundwater gradient.
3. A contamination isogram map shall be included for each significant pollutant detected during the monitoring events and shall include the following:
  - a. location of the facilities;
  - b. location of the monitoring wells; and
  - c. location of the former underground tanks.
4. Current and previous analytical results shall be reported in tables which include the following:
  - a. sampling point;
  - b. date of sample collection;
  - c. constituents and analytical results; and
  - d. quantification limits employed for non-detect analytical results.
5. Current and previous remedial system operation and maintenance activities shall be reported in the monitoring reports.
6. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents showing the time and date of collection and person collecting; and signed laboratory sheets including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
7. Monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by

  
Catherine E. Kuhlman  
Executive Officer

March 16, 2005